IN THE SPECIFICATION:

Please amend the specification, as follows:

On page 1, paragraph [002]:

- - Personal video receivers/recorders and devices that modify and/or record the content of broadcast video are becoming increasingly popular. One example is a personal video recorder that automatically records programs on a hard disk based on preferences of a user. One of the features under investigation for such systems is content detection. For example, a system that can detect commercials may allow substitute advertisements to be inserted in a video stream ("commercial swapping") or the temporary halting of the video at the end of a commercial to prevent a user, who was distracted during a commercial, from missing any of the main program content. Content detection also may enable users who are not interested in the content of commercials or promotions interposed within a recorded television program, to skip through those commercials either manually or by using a device designed to perform skipping automatically ~~autonomically~~ (see, e.g., U.S. Pat. No. 5,151,788). - -

On page 16, paragraph [046]:

- - Thereafter, in step 110 it is assumed that, for example, the user operates the input user interface 11 to enter command information into the controller 10 [[11]]specifying that the sample video clip be examined for the presence of predetermined content, namely, in this example, commercial subject matter. In response to the command information being inputted into the controller 10 in step 110, the controller 10 performs a predetermined content detection algorithm that is identified as step 112 in FIG. 3. For this exemplary embodiment, that algorithm is shown in further detail by the method steps shown in FIGS.

4a and 4b, and, is performed to evaluate the sample video clip for the presence of commercial content based on the threshold values within each chromosome of the population P(t). In a preferred embodiment of this invention, the algorithm is performed separately for each chromosome of the population P(t), so that multiple performances of the algorithm occur, either in parallel or in series with one another, and so that there is at least one performance of the algorithm for each chromosome. For convenience, the following description will be made in the context of the performance of the content detection algorithm for only a single one of the chromosomes, although it should be understood that the algorithm is performed for each chromosome separately. - -